

DESCRIPTION

Enclosed and gasketed, rugged construction and three especially selected shielding elements make this fixture ideally suited for use in various types of security areas. The housing is a welded completely, enclosed steel chamber. The door is heavy gauge extruded aluminum with mitered corners. The door has a continuous aluminum piano hinge and tamper proof fasteners. The door and shielding are completely gasketed for minimum maintenance. Fixtures are installed as individual or continuous runs.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Mounting
Surface

Ballast
Standard Class P, CBM/ETL ballast.

Shielding
IK12 lexan prismatic lens,
93 tempered glass lens,
KSH25 acrylic prismatic lens.

Lamps
By Others.

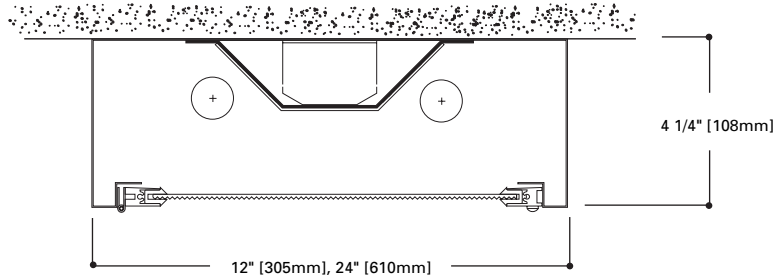
Housing
20 ga. cold rolled steel.

Finish
Baked on low gloss white powder
coated polyester-epoxy.



MSM

Medical Surface Mount



ORDERING INFORMATION

SAMPLE NUMBER: MSM-24-228-277-93-EB82-RIF

Series	Width	No. of Lamps	Wattage	Voltage	Lens Type	Ballast	Options
MSM							
MSM=Medical Surface Mount	12=1' width (2 Lamps Max) 24=2' width	2 4	2' Length 14=14W T5 Lamp 17=17W T8 Lamp 24=24W T5HO Lamp (2 Max for 1' Width) (3 Max for 2' width) 4' Length 28=28W T5 Lamp 32=32W T8 Lamp 54=54W T5HO Lamp	120=120V 277=277V 347=347V	IK12=K-12 Prismatic Acrylic IP12=K-12 Prismatic Polycarbonate KSH25=Bat Wing Distribution 93=Prismatic Tempered Glass	EB81=(1) Ballast for use with T8 Lamp EB82=(2) Ballasts for use with T8 Lamp EB51=(1) Ballast for use with T5 Lamp EB52=(2) Ballasts for use with T5 Lamp	EBP=Emergency Battery Pack GLR=Fuse and Holder RIF=Radio Frequency Interference Filter FNL=Fluorescent Night Light, 2 pin (G23 Base), 7 or 9W twin tube (Lamps by others). LNL= LED Night Light (50,000 hrs.) provided by Cooper

Notes:

For additional options, consult your Cooper Lighting Representative. Specifications and dimensions subject to change without notice.

STANDARD LUMINAIRE SECTION



12" [305mm] x 48" [1219mm]

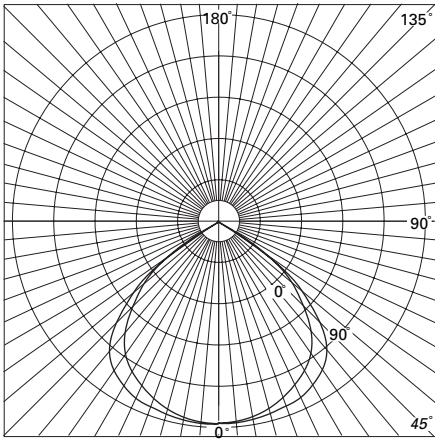


24" [610mm] x 24" [610mm]



24" [610mm] x 48" [1219mm]

PHOTOMETRICS



Report No. 393932/3274 for Cat No. 3S/2448-S58
Lamp Type: F40T12Rs/WW, 3000 lumens

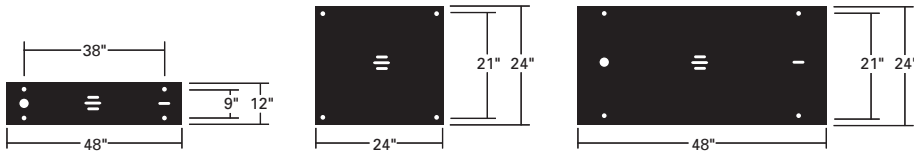
Coefficients Of Utilization

Effective floor cavity reflectance									20%		
rc	80%				50%				30%		
rw	70	50	30	10	50	30	10	50	30	10	
RCR											
1	68	66	64	52	62	61	59	60	59	57	
2	64	60	56	53	56	54	51	54	52	50	
3	59	54	50	46	51	48	45	49	47	44	
4	55	48	44	40	46	42	40	45	42	39	
5	50	44	39	35	42	38	35	40	37	34	
6	47	39	34	31	38	34	31	37	33	30	
7	43	35	31	27	34	30	27	33	30	27	
8	40	32	27	24	31	27	24	30	26	23	
9	37	29	24	21	28	23	20	27	23	20	
10	34	26	21	18	25	21	18	25	21	18	

Zonal Lumen Summary

Zone	Lumens	Lamp%	Fixt%
0	3160	3160	3160
5	3150	3160	3160
15	3040	3080	3120
25	2820	2940	3000
35	2450	2080	2760
45	1820	1990	2070
55	1180	690	1210
65	484	375	210
75	207	274	210
85	52.8	56	35.1
90	52.8	56	35.1
Total Luminaire Efficiency= 56%			

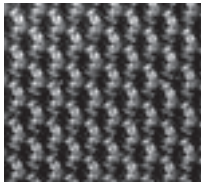
TYPICAL MOUNTING INFORMATION SERIES 3S/T8



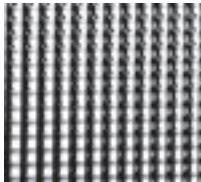
LEGEND

- 7/8" DIA. K.O.
- 3/8" DIA. K.O.
- 11/16" x 2" K.O.
- ≡ TRIPLE 11/16" x 2" K.O.

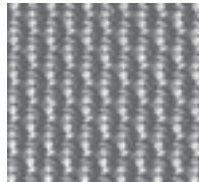
SHIELDING



S40 Lexan Lens
1/8" thick, clear
hexagonal prisms,
high impact, shatter
proof.



S44 Glass Lens
5/32" thick, clear
square prisms, pattern
#73, controls
brightness, tempered
glass lens, high
impact, shatter proof.



S58 Acrylic Lens
1/8" thick, clear
acrylic prismatic
lens.